

**AIRPORT COMMISSION  
SAN FRANCISCO INTERNATIONAL AIRPORT  
CITY AND COUNTY OF SAN FRANCISCO**

**MEMORANDUM**

**TO:** SFO Air Carriers  
Signature Flight Support  
Airline Service Companies

**DATE:** June 20, 2013

**FROM:** Jeff Littlefield, Deputy Airport Director [REDACTED]  
Operations & Security

**SUBJECT:** Runway Safety Area Project Update – Runway Threshold Changes, Closure Dates, and Important Planning Information

A number of significant changes will occur at SFO in the coming weeks as part of the Runway Safety Area (RSA) project. The long anticipated relocation of the Rwy 28L and Rwy 28R thresholds will commence next week. One runway will be closed at a time, allowing for needed work to be performed. Once re-opened, each of these runways will obtain a fully compliant runway safety area, with new markings, lights, and signage. Once the physical runway changes are complete, work will continue on the new navigational aids for each of these runways. Other improvements include installation of future Runway Status Light System infrastructure, replacement of the Runway 28L approach lighting system, needed changes to the Runway 28R approach lighting system, and upgrades to numerous runway lighting components for both of these runways. Occasional closures to other runways at SFO may be necessary for associated work and maintenance repairs.

These changes are necessary in order to allow for improvements to the safety features of these and other runways at SFO. Congressional mandates require compliance with FAA RSA standards. This schedule is provided for your information and planning purposes, as there will likely be impacts to Airport operations as a result of these closures. The conditions and tentative dates planned are listed below:

Facility	Operational Impact / Change	Dates Scheduled
Rwy 10L/28R	Closed Week Nights (0001 – 0800 local)	Between June 18 and 21, 2013.
Rwy 10R/28L	Closed One Night (0001 – 0800 local)	June 24, 2013.
Rwy 10R/28L	Closed 50 hours Continuously	From 2200(L) June 24 through 2359(L) June 26, 2013.
Rwy 10R/28L	Re-Opened at New Threshold Location	0000(L) June 27, 2013.
Rwy 10L/28R	Closed 56 hours Continuously	From 0001(L) June 27 through 0759(L) June 29, 2013.
Rwy 10L/28R	Re-Opened at New Threshold Location	0800(L) June 29, 2013.

New Runway Data for Rwy 10R/28L as of Thursday 0000(L) / 0700(Z) June 27, 2013				
Facility	LDA	ASDA	TORA	TODA
Rwy 10R	10,704 Feet	10,704 Feet	11,381 Feet	11,381 Feet
Rwy 28L	10,681 Feet	10,981 Feet	11,381 Feet	11,381 Feet

New Runway Data for Rwy 10L/28R as of Saturday 0800(L) / 1500(Z) June 29, 2013				
Facility	LDA	ASDA	TORA	TODA
Rwy 10L	11,193 Feet	11,193 Feet	11,870 Feet	11,870 Feet
Rwy 28R	11,570 Feet	11,870 Feet	11,870 Feet	11,870 Feet

#### Navigational Aids

Note that the changes to the runways listed above have been planned and coordinated with the FAA. New navigational aids will become operational after installation and testing. The new Precision Approach Path Indicators (PAPI) for Runways 28L and 28R are scheduled to become operational by July 2, 2013.

Where required, new flight procedures have also been developed to accompany the physical runway changes. The Instrument Landing System (ILS) for Runways 28L and 28R will continue to have Localizer-only guidance until the new glide slope installations are certified and operational. The anticipated date for these new procedures and glide slope facilities to become operational is August 22, 2013. This will coincide with the new FAA publications which become effective on that date.

#### Progress of Work this Summer

Additional closures of Runways 10R/28L and 10L/28R will be scheduled after June 29, 2013, as the RSA work progresses. We will keep you advised of other changes that may affect your operations and provide you advance notice of future closures as the dates become better defined. Please feel free to forward this to your colleagues and flight planning departments. Appropriate Notices to Airmen (NOTAMS) will be issued, and updates to the FAA Facility Directory will be made per existing procedures.

More information and updates regarding the SFO RSA improvements and other Airport projects are available at [www.flysfo.com](http://www.flysfo.com) under the Building for the Future tab at the bottom of the home page, or through the Airport's PASSUR System. Should you have any questions or need additional information, please contact Drake Poston, Manager, Airfield Operations at (650) 821-████, or the Airport Duty Manager at (650) 821-████ (24 hours).

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